

FILE 'REGISTRY' ENTERED AT 18:37:59 ON 27 APR 2006

L1 STRUCTURE UPLOADED  
L2 6 S L1 SSS SAM  
L3 STRUCTURE UPLOADED  
L4 23 S L3 SSS SAM  
L5 QUE L3  
L6 STRUCTURE UPLOADED  
L7 14 S L6 SSS SAM  
L8 5831 S L6 SSS FUL  
L9 30661 S POLYSILOXANE OR POLYORGANOSILOXANE OR POLYDIMETHYLSILOXANE OR

FILE 'CAPLUS' ENTERED AT 19:01:23 ON 27 APR 2006

L10 196369 S POLYSILOXANE OR POLYORGANOSILOXANE OR POLYDIMETHYLSILOXANE OR  
L11 2921 S L8  
L12 67 S L11 AND L10  
L13 259 S METHYLHYDROGENPOLYSILOXANE  
L14 354 S L10 (S) (SILICON (4A) (HYDROGEN OR HYDRIDE))  
L15 610 S L13 OR L14  
L16 3 S L12 AND L15

FILE 'STNGUIDE' ENTERED AT 19:05:24 ON 27 APR 2006

FILE 'CAPLUS' ENTERED AT 19:07:33 ON 27 APR 2006

L17 5842 S CHAIN TERMINAT?  
L18 2 S L12 AND L17  
L19 6188 S MOLECULAR WEIGHT (3A) CONTROL?  
L20 1 S L11 AND L19

The image displays three chemical structures, labeled 1, 2, and 3, which are derivatives of azobenzene. Each structure consists of a benzene ring connected to an azo group (-N=N-), which is further connected to a 2-azidoethyl group (-CH<sub>2</sub>-CH<sub>2</sub>-N<sub>3</sub>).

- Structure 1:** The azo group is connected to the benzene ring at the para position. The azido group is represented as a nitrogen atom bonded to two other nitrogen atoms, one of which is bonded to a carbon atom. The carbon atom is bonded to a hydrogen atom and a hydrogen atom.
- Structure 2:** The azo group is connected to the benzene ring at the para position. The azido group is represented as a nitrogen atom bonded to two other nitrogen atoms, one of which is bonded to a carbon atom. The carbon atom is bonded to a hydrogen atom and a hydrogen atom.
- Structure 3:** The azo group is connected to the benzene ring at the para position. The azido group is represented as a nitrogen atom bonded to two other nitrogen atoms, one of which is bonded to a carbon atom. The carbon atom is bonded to a hydrogen atom and a hydrogen atom.